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Minimum DB
Maximum DB
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Maximum Match 10
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Perfect score:
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seq length: 2000000000
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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/Ggn2_6/ptodata/1/ina/5_COMB.seq:*
/Ggn2_6/ptodata/1/ina/6A_COMB.seq:*
/Ggn2_6/ptodata/1/ina/6B_COMB.seq:*
/Ggn2_6/ptodata/1/ina/H_COMB.seq:*
/Cgn2_6/ptodata/1/ina/FCTUS_COMB.seq:*
/Ggn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/Ggn2_6/ptodata/1/ina/RE_COMB.seq:*
/Ggn2_6/ptodata/1/ina/RE_COMB.seq:*
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US-09-276-625-7
US-10-924-665A-7
US-09-782-378A-8
US-09-782-378A-1
US-09-782-378A-1
US-09-782-378A-1
US-08-254-358-1
US-08-254-358-1
US-08-79-609-1
US-08-79-609-1
PCT-US95-07178-1
US-09-807-802A-18
US-09-807-802A-18
US-09-299-141-4
US-09-299-141-4
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US-07-989-841A-1
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US-08-702-573-4
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US-08-893-327-15
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RESULT 1 US-07-789-: / Sequence / Patent N GENERAL // GENERAL // TITLE // INTUINE // CORRES // COUNT /	C 444	C 43	C 41	- 42	c 39	ω	c 37	ი ა ა	·ω	c 33	ω	c 31	w	c 29	N	c 27	N	c 25	
T 1 -789-917A-1 uence 1, Application US ent No. 5252479 NERAL INFORMATION: APPLICANT: STIVASTAVA, TITLE OF INVENTION: SA NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSE: Scully, S STREET: 400 Garden City STATE: New York COUNTRY: USA		100.0	145 100.0	100.0	100.0	100.0	100.0	o c	100.0	100.0	100.0	100.0	100.0	100.0	100.0	45 100.0	5 100.0	45 100.0	
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ALIGNMENTS US/07789917A a, Arun SAFE VECTOR FOR GENE THERAPY 2 2 S: City Plaza	3 US-09-299-141-2 3 US-09-299-141-2	US-09-299-141-	US-09-299-141-	US-09-299-141	US-09-299-141-	US-09-299-14	US-09-299-141-	3 US-09-299-141-10	US-09-299-141-	US-09-299-141-	US-09-299-141-	US-09-299-14	US-09-299-141-	US-08-893-32	US-08-893-327-	US-08-893-327-1	US-08-893-327-1	US-08-893-327-1	
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LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-789-917A-1
                                                Query Match
Best Local Similarity
Matches 145; Conserv
                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release q.0, Version q.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/789,917A
FILING DATE: 1991118
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                    TELEX: 230 901 SANS UR INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: McNulty, William E.
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1 TIGGCCACTCCCCTCTCTGCGCCCCCCCTCACTGAGGCCGGCGACCAAAGGTCGCC
                                                100.0%; (ilarity 100.0%; (Conservative 0;
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                                                  Score 145; DB 2;
Pred. No. 3.5e-30;
0; Mismatches 0;
                                                                                Length 145;
                                                     Indels
                                                   0;
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1 TTGGCCACTCCCTCTCTGCGCGCCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC

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RESULT 2
US-08-702-573-4
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SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: nucleic acid
                                                                   Matches 145;
                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR95/00233
FILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                OLECULE TYPE:
                                                                                                                                                       NAME/KEY: misc_feature LOCATION: 1..145
OTHER INFORMATION: /no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Smith Ph.D., Julie K. REGISTRATION NUMBER: 38,619
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LICANT: PERRICAUDET, MICHEL
LICANT: PERRICAUDET, MICHEL
LE OF INVENTION: INTEGRATIVE RECOMBINANT ADENOVIRUSES,
LE OF INVENTION: PREPARATION THEREOF AND THERAPEUTICAL USES THEREOF
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                                TIGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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500 Arcola Rd. 3C43
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                                                                                    Score 145; DB 3; Pred. No. 3.5e-30;
                                                                   Mismatches
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crcacrgaggccggcgaccaaaggrcgcc 60
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                                                                   Gaps
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US-09-782-378A-6

Sequence 6, Application US/09782378A Patent No. 6916635

APPLICANT: Hearing,

INFORMATION:

RESULT 4

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US-07-982-193-1
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                                                                                                                                                                                  Matches 145;
                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (516) 742-4343
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION
                                                                                                                                                                                                                                                                                          LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: McNulty, William E. REGISTRATION NUMBER: 22,6
                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                                        1 TTGGCCACTCCCTCTGCGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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                                                                                                                       TTGGCCACTCCCTCTCGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                                                                                                                                                                                          (516)742-4366
                                                                                                                                                                                    Conservative
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SAFE VECTOR FOR GENE THERAPY
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ER: 8361
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                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                   Length 145;
                                                                                                                                                                                      Indels
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TELEX: 66141 PENNIE
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1.
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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LENGTH: 145
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CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                                   NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 663
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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Local Similarity 100.0%;
nes 145; Conservative 0
                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/07/989,841A FILING DATE: On even date herewith CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OF INVENTION: Adenoviral Vectors
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ANDEDNESS:
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Gnatenko, Dmitri
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pennie & Edmonds
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Pred. No. 3.5e-30;
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Best Local Similarity
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Y: U.S.A.
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Coruzzi, Laura A
Coruzzi, Summer: 30,742
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                                                                                                                                                                                                                                                                               100.0%; Score 145; DB 2;
100.0%; Pred. No. 3.5e-30;
tive 0; Mismatches 0;
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RICCCGGGCGGCCTCAGTGAGCGAGCGAGCGCGCAGAGAGGGGGAGTG 140
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                                                                     ; FEATURE:
; OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 6436392 5,478,745
US-09-276-625-7
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EARLIER APPLICATION NUMBER: 09/440,738

EARLIER FILING DATE: 1995-05-15

NUMBER OF SEO ID NOS: 13

SOFTWARE: PATENTIN VET. 2.0

SEO ID NO 1

LENGTH: 155
                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/09276625
Patent No. 6436392
GENERAL INFORMATION:
APPLICANT: Engelhardt, John F.
APPLICANT: Duan, Dongsheng
TITLE OF INVENTION: Adeno-associated virus vectors
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Query Match 100.0%; Score 145; DB 3; Length 165; Best Local Similarity 100.0%; Pred. No. 3.5e-30; Matches 145; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                SUFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 7
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                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 1999-03-25
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FASTSEO for 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Samulski, R.
APPLICANT: Xiao, X.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
FILE REFERENCE: 6636-027
                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/276,625
CURRENT FILING DATE: 1999-03-25
                                                                                                                                                                                                                                                                                                                        FILE REFERENCE:
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                                                                                                                            LENGTH: 165
TYPE: DNA
ORGANISM: Unknown
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100.0%; Pred. No. 3.5e-30;
tive 0; Mismatches 0;
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GENERAL INFORMATION:

APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Waddle
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: "SYGNYB-04-970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02

SEQ ID NOS: 27

Sequence 8, Application US/09782378A Patent No. 6916635

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Adeno-associated virus vere FILE REFERENCE: 875.007US2
CURRENT APPLICATION NUMBER: US/10/054,665A
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-25
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
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US-09-782-378A-8
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Best Local Similarity
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APPLICANT: University of Iowa Research Foundation
APPLICANT: University of Iowa Research Foundation
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                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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tent No. 6897045
                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Unknown
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                                                                                                                                                                                                                                                                                              100.0%; Score 145; DB 3; 100.0%; Pred. No. 3.5e-30;
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APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
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                                                                                                                         US-09-782-378A-2
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GENERAL INFORMATION:
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                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 1
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Best Local Similarity
                                                                                      Sequence 2, Application US/09782378A Patent No. 6916635
                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 145; DB 3; Best Local Similarity 100.0%; Pred. No. 4.6e-30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human adeno-associated virus
-09-782-378A-1
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APPLICANT: Bahou, Wadie
APPLICANT: Hearing, Patrick APPLICANT: Bahou, Wadie APPLICANT: Sandalon; Ziv APPLICANT: Gnatenko, Dmitri
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Pred. No. 3.5e-30;
D; Mismatches 0;
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; TYPE: DNA ; ORGANISM: Human adeno-associated virus US-09-782-378A-2
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APPLICANT: J. BATTLECT
TITLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/36996US
CURRENT APPLICATION NUMBER: US/10/038,972A
CURRENT FILING DATE: 2002-01-04
                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 12
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Best Local Similarity
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                                                                                                                                                                                                                                              Query Match
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PRIOR FILING DATE: 2001-01-05
NUMBER OF SEQ ID NOS: 18
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SOFTWARE: PatentIn version 3.0
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FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
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                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: adeno-associated virus
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GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                100.0%; Score 145; DB 3;
100.0%; Pred. No. 4.6e-30;
tive 0; Mismatches 0;
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US-08-254-358-1

Sequence 1, Application US/08254358 Patent No. 5658785 GENERAL INFORMATION:

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; MOLECULE TYPE: DNA (genomic)
US-08-254-358-1
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US-08-475-391-1
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Best Local Similarity
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APPLICANT: Johnson
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TITLE OF INVENTION: Ader
TITLE OF INVENTION: Meth
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5658785and, Greta E.
NAME: NO. 5658
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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CITY: Chicago
CITY: Illinois
TISA
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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APPLICATION NUMBER: US/08/254,358
                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                 CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                         PPLICANT: Johnson, ITLE OF INVENTION:
                                                                                                                      ZIP: 60606
                                                                                                                                                                                                                                                                       STREET:
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Conservative (
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Adeno-Associated Virus Materials and
Methods
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Search completed: March 15, Job time : 96 secs
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Best Local Similarity
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 07-JUN-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Reli
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: NO. 5786211and, Gr
REGISTRATION NUMBER: 35,
REFERENCE/DOCKET NUMBER:
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                                                                                                 121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                   GCCAACTCCATCACTAGGGGTTCCT 145
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n Release #1.0, Version #1.25
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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length: 2000000000
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Match
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Gapop 10.0 , Gapext 1.0
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1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /cgn2_6/ptodata/1/pubpna/US09Ā_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09Ā_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
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US-09-782-378A-6
US-10-837-029-1
US-10-837-029-1
US-10-135-984-8
US-10-135-984-8
US-10-159-968-13
US-10-159-968-13
US-10-169-641-3
US-10-023-208-58
US-10-023-208-58
US-10-023-208-58
US-10-0845-416-26
US-09-845-416-33
US-09-845-416-33
US-09-845-416-32
US-09-845-416-31
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Sequence 12, App.
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Sequence 1, Appl
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US-09-845-416-29	US-09-845-416-29	US-10-959-017-2	US-10-427-129-6	US-10-696-900-19	US-10-696-282-19	US-10-696-261-19 ·	US-10-696-900-18	US-10-696-282-18	US-10-696-261-18	US-11-063-903-1	US-10-375-777-1	US-10-263-127-1	US-10-163-886-1	US-10-077-294-1	US-10-136-819-6	US-10-038-972A-12	US-09-945-681-10	US-09-804-898-1	US-10-427-129-2	US-10-291-583-7	US-10-240-198-1
Sequence 29, Appl	Sequence 29, Appl	Sequence 2, Appli	Sequence 6, Appli	Sequence 19, Appl	. Sequence 19, Appl	Sequence 19, Appl	Sequence 18, Appl	Sequence 18, Appl	•		Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 6, Appli	Sequence 12, Appl	-) <u> </u>	Sequence 2, Appli	Sequence 7, Appli	Sequence 1, Appli

ALIGNMENTS

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; SEQ ID NO 6; LENGTH: 145
TERSTH: DNA
TYPE: DNA
ORGANISM: Homo sapiens
US-09-782-378A-6
                                                                                 US-10-837-029-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 6, Application US/09782378A
Patent NO. US20020102731A1
; GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
; APPLICANT: Bahou, Wadie
Sequence 1, Application US/10837029 Publication No. US20040248301A1 GENERAL INFORMATION:
APPLICANT: Engelhardt, John F.
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 145; DB 3; Best Local Similarity 100.0%; Pred. No. 7.4e-35;
                                                                                                                                                                                                                                                                                                                                                                                                        Matches 145; Conservative
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CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.0
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APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
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; TYPE: DNA
; ORGANISM: Adeno-associated virus
US-10-837-029-11
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; TYPE: DNA
; ORGANISM: Adeno-associated virus
US-10-837-029-1
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                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 145
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TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES
FILE REFERENCE: 875.105US1
CURRENT APPLICATION NUMBER: US/10/837,029
CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION UNUMBER: US 10/194,421
PRIOR FILING DATE: 2002-07-12
PRIOR FILING DATE: 2002-07-13
PRIOR APPLICATION UNMBER: US 60/305,204
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 11
NUMBER OF SEQ ID NOS: 11
NUMBER: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                            Matches
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CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION NUMBER: US 10/194,421
PRIOR FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: US 60/305,204
PRIOR FILING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL FILE REFERENCE: 875.105US1
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Local Similarity 100.0%;
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145; Conser
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Pred. No. 7.4e-35;
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Pred. No. 7.4e-35;
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                                                                                                                                                                                                                          ; TYPE: DNA ; ORGANISM: adeno-associated virus US-10-135-984-8
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Publication No. US20050112765A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4,0
SEQ ID NO 8
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Publication No. US20020182595A1
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                                                                                                                                                                                Query Match
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APPLICANT: Chuan-Yuan, Li
APPLICANT: Chuan-Yuan, Li
APPLICANT: Xiuwu, Zhang
TITLE OF INVENTION: GEMERATION OF RECOMBINANT ADENO-ASSOCIATED VIRAL VECTORS BY A
TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH
FILE REPERSOCS: 180/137
CURRENT APPLICATION NUMBER: US/10/501,756
CURRENT FILING DATE: 2004-07-16
PRIOR APPLICATION NUMBER: US 60/349,532
PRIOR FILING DATE: 2002-01-18
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Matthew D. Weitzman
APPLICANT: Anton J. Cathomen
TITLE OF INVENTION: METHOD OF IDENTIFYING CELLULAR
TITLE OF INVENTION: METHOD OF ADENO-ASSOCIATED VIRUS (AAV)
FILE REFERENCE: SALKINS.041A
CURRENT APPLICATION NUMBER: US/10/135,984
CURRENT FILING DATE: 2002-08-05
CURRENT FILING DATE: 2002-08-05
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PRIOR APPLICATION NUMBER: 60/286951
PRIOR FILING.DATE: 2001-04-27
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                                                                                                                                              Conservative
                                                                                                                                              100.0%; Score 145; DB 5; 100.0%; Pred. No. 7.4e-35; tive 0; Mismatches 0;
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GCCAACTCCATCACTAGGGGTTCCT 145

GCCAACTCCATCACTAGGGGTTCCT 145

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SEQ ID NO 7
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Best Local Similarity
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ORGANISM: Homo sapiens
-09-782-378A-8
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CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                            APPLICANT: Duan, Dongsheng TITLE OF INVENTION: Adeno-associated virus vectors FILE REFERENCE: 875.007US2 CURRENT APPLICATION NUMBER: US/10/054,665 CURRENT FILING DATE: 2002-06-13
                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
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TITLE OF INVENTION: Adenoviral Vectors
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                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
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                                                                                                 ORGANISM: Unknown
                                                          OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No.
                                                                                  FEATURE:
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Score 145;
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APPLICANT: WAGNER, THOMAS E.
APPLICANT: YU, XIAXXHANG
PITTLE OF INVENTION: AAV ITR-MEDIATED MODULATION
FILE REFERENCE: 035879-0165
CURRENT APPLICATION NUMBER: US/10/669,641
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,450
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 3

Sequence 3, Application US/10669641 Publication No. US20040137626A1 GENERAL INFORMATION:

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US-10-669-641-3
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LENGTH: 165
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PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: US 60/313,007
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 4.0
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CURRENT APPLICATION NUMBER: US/10/159,968
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Mismatches 0;
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GENERAL INFORMATION:
APPLICANT: University of No. US20040029106Alth Carolina at APPLICANT: Samulski, R. Jude
APPLICANT: Samulski, R. Jude
APPLICANT: McCarty, Douglas M.
TITLE OF INVENTION: DUPLEXED PARVOVIRUS VECTORS
FILE REFERENCE: 5470-282
CURRENT APPLICATION NUMBER: US/10/276,356
CURRENT FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: PC7/US01/17587
PRIOR APPLICATION NUMBER: PC7/US01/17587
PRIOR APPLICATION NUMBER: DO1-05-31
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 175
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                                 US-10-023-208-58
Sequence 58, Application US/10023208
Publication No. US20030124537A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 145; Conserv
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Publication No. US20040029106A1
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APPLICANT: Li, Min APPLICANT: Liu, Y
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Pred. No. 7.2e-35;
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                                                                                                                                                                                                                                       ; TYPE: DNA; ORGANISM: Homo sapiens US-09-845-416-26
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 58
LENGTH: 207
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CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
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CURRENT FILING DATE: 2001-12-17
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1
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Local Similarity 100.0%;
nes 145; Conservative (
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No. US20030171312A1
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Pred. No. 7e-35;
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RESULT 13 US-09-845-416-26/c

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US-09-845-416-33

Sequence 33, Application US/09845416

Publication No. US20030171312A1
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Best Local S
Matches 145
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SEQ ID NO 33
SER ID NO 33
SER ID NO 33
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity 100.0%;
Matches 145; Conservative (
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APPLICANT: XIAO, XI
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TYPE: DNA
ORGANISM: Homo sapiens
-09-845-416-26
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                                                                                                                                                                                                                                                                                       -09-845-416-33
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TITLE OF INVENTION: DHA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DELI142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
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Local Similarity 100.0%; Pred. No. 5.6e-35;
hes 145; Conservative 0; Mismatches 0;
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Search completed: March 15, Job time: 459 secs
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Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 33
LENGTH: 987
TYPE: DNA
ORGANISM: Homo sapiens
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CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
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Local Similarity 100.0%;
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Pred. No. 5.6e-35;
N. Mismatches 0;
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Perfect score:
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-11-127-832-1
US-11-127-832-2
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US-11-128-751-4
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RESULT 2

1 TIGGCCACTCCC 1 TIGGCCACTCCC 61 CGACGCCCGGGG 61 CGACGCCCGGGG 121 GCCAACTCCATC	US-11-127-832-6 ; Sequence 6, Application US/11: publication No. US20060008884; ; GENERAL INFORMATION: APPLICANT: Bahou, Wadie APPLICANT: Bahou, Wadie APPLICANT: Bahou, Wadie APPLICANT: Sandalon, Zit APPLICANT: Sandalon, Zit APPLICANT: STONYB-04970 CURRENT APPLICATION NUMBER: CURRENT FILING DATS: 2005-0 PRIOR APPLICATION NUMBER: US PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 2001-0-0 PRIOR FILING DATE: 2000-10-0 PRIOR FILING DATE: 2000-10-0 PRIOR FILING DATE: 2000-10-0 PRIOR FILING DATE: 2000-10-0 SETUMARE: PATENTIN VERSION 3 SEQ ID NO 6 LENGTH: 145 TYPE: DNA ORGANISM: Homo Bapiens US-11-127-832-6 Query Match Best Local Similarity 100.0 Matches 145; Conservative		42 100.8 69.5 43 100.8 69.5 44 99.4 68.6 45 97.8 67.4	6 109 75.2 7 108.8 75.0 8 107.4 74.1 9 105 72.4 0 104.2 71.9 1 100.8 69.5	32 109.6 75.6 33 109 75.2 34 109 75.2 35 109 75.2	C 21 117.8 81.2 C 22 117.8 81.2 C 23 117.8 81.2 C 24 117.8 81.2 C 25 117.8 81.2 C 25 117.8 81.2 C 25 117.8 78.9 C 26 114.4 78.9 C 27 110.6 76.3 C 28 110 75.9 C 29 110 75.9 C 31 110 75.9 1
	11127832 84A1 ri k k k 105/11/127,832 -05-12 US/09/782,378 -12 60/237,747 -02 3.0 3.0 3.0 0; Mismatches	ALIGNMENTS	12 US-11-14 8 US-10-719 12 US-11-14 12 US-11-12	12 US-11-05 12 US-11-14 12 US-11-14 12 US-11-05 12 US-11-05 12 US-11-14	12 US-11-14 12 US-11-05 12 US-11-05 12 US-11-05	698 12 US-11-157-608-8 4675 12 US-11-127-832-1 4675 12 US-11-127-832-2 4679 12 US-11-184-380-25 4679 12 US-11-145-035-12 300 12 US-11-145-035-12 300 12 US-11-145-035-14 4999 8 US-10-632-645-14 4999 8 US-10-632-645-14 11933 8 US-10-632-645-13
CGGGCGACCAAAGGTCGCC 60	Length 145; Indels 0; Gaps 0;			3, App. 37, App. 19, App. 9, App. 25, App. 37, App.		

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APPLICANT: Engelhardt, John F.
APPLICANT: Unan, Dongshen
APPLICANT: University of Iowa Research Foundation
APPLICANT: University of Iowa Research Foundation
TITLE OF INVENTION: Adeno-associated virus vectors
FILE REFERENCE: 875.007US2
CURRENT APPLICATION NUMBER: US/11/058,751
CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/276,625
NUMBER: DESQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
TEXTURE OF SET SECTION NOTES
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sandaion, Ziv

APPLICANT: Gnatenko, Dmitri

TITLE OF INVENTION: Adenoviral Vectors

FILE REFERENCE: STONYB-04970

CURRENT APPLICATION NUMBER: US/11/127,832

CURRENT FILING DATE: 2005-05-12

PRIOR APPLICATION NUMBER: US/09/782,378

PRIOR FILING DATE: 2001-02-12

PRIOR APPLICATION NUMBER: 60/237,747

PRIOR FILING DATE: 2000-10-02

NUMBER OF SEO ID NOS: 27

SOFTWARE: Patentin version 3.0
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    Best Local Similarity Matches 145; Conserv
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ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 5,478,745
11-058-751-7
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ORGANISM: Homo
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100.0%; Score 145; DB 12; llarity 100.0%; Pred. No. 1.8e-31; Conservative 0; Mismatches 0;
                                                                                               Length 165;
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OTHER INFORMATION: Artificial AAV vector US-11-157-608-8
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 9
LENGTH: 464
                                                                                                NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 698
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Best Local Similarity 100.0%;
                                                                                                                                                                           TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS FILE REFERENCE: 134.02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
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                                                          ORGANISM: Artificial
                                                                                 TYPE: DNA
                                         FEATURE:
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Pred. No. 1.7e-31;
D; Mismatches 0;
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                                                                                                                                           Sequence 11, Application US/11157608
Publication No. US20060018882A1
GENERAL INFORMATION:
APPLICANT: KAEMMERER, William F.
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Best Local Similarity
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          TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS FILE REFERENCE: 134,02160101
CURRENT EMPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.2
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TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS
FILE REFERENCE: 134.02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR PELICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
NUMBER OF SEQ ID NOS: 24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.2
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TYPE: DNA
ORGANISM: Artificial
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Pred. No. 1.6e-31;
Nismatches 0;
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, OTHER INFORMATION: Artificial AAV vector US-11-157-608-11
US-11-157-608-10/c
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US-11-157-608-10
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TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS
FILE REFERENCE: 134.02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
CURRENT FILING DATE: 2005-06-21
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ORGANISM: Artificial
FEATURE:
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TYPE: DNA
ORGANISM: Artificial
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Sequence 10, Application US/11157608
publication No. US20060018882A1
GENERAL INFORMATION:
APPLICANT: KAEMMERER, William F.

TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FILE REFERENCE: 134.02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21

FOR DELIVERING COMPOSITIONS TO CELLS

PRIOR APPLICATION NUMBER: 60/581,730

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RESULT 11
US-11-127-832-2
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; ORGANISM: Human adeno-associated virus
US-11-127-832-1
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 Sequence
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Publication No. US20060008884A1
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                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 1
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                                                                                                                                                                                                                                                                                             Query Match
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PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILING DATE: 2001-02-12
PRIOR FILING DATE: 2001-02-12
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NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hearing, APPLICANT: Bahou,
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                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 4675
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2, Application US/11127832
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ilarity 100.0%;
Conservative 0
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Pred. No. 1.4e-31;
); Mismatches 0;
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Pred. No. 1.5e-31;
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; OTHER INFORMATION: Description of Artificial Sequence; Note; OTHER INFORMATION: synthetic construct
US-11-184-380-25
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TITLE OF INVENTION: AAV5 NUCLEIC ACIDS
FILE REFERENCE: 14014.0323U
CURRENT APPLICATION UNMBER: US/11/184,380
CURRENT FILING DATE: 2005-07-19
PRIOR APPLICATION NUMBER: PCT/US99/11958
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 26
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; ORGANISM: Human adeno-associated virus 2
US-11-127-832-2
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FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILLING DATE: 2001-02-12
PRIOR FILLING DATE: 2001-02-12
PRIOR PILLING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
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Best Local :
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LENGTH: 4675
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Best Local 9
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APPLICANT: Bahou, Wadie
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Similarity 100.0%; Pred. No. 1.4e-31;
                                                                           TTGGCCACTCCCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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Gnatenko, Dmitri
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                                                                                                                                                                                                100.0%; Score 145; DB 12; 100.0%; Pred. No. 1.4e-31;
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Sequence 25, Application US/11145035

Publication No. US20050287122A1

GENERAL INFORMATION:
APPLICANT: Bartlett et al.
TITLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/41335

CURRENT FAPPLICATION NUMBER: US/11/145,035

CURRENT FILING DATE: 2005-06-03

PRIOR APPLICATION NUMBER: US 10/038,972

PRIOR FILING DATE: 2002-01-04

PRIOR FILING DATE: 2002-01-04

PRIOR FILING DATE: 2001-01-05

NUMBER OF SEQ ID NOS: 45

NUMBER OF SEQ ID NOS: 45

SOFTWARE: Patentin version 3.3
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APPLICANT: BATCLECT et al.

TITLE OF INVENTION: AAV VECTORS AND METHODS

FILE REFERENCE: 28335/41335

CURRENT APPLICATION NUMBER: US/11/145,035

CURRENT FILING DATE: 2005-06-03

PRIOR APPLICATION NUMBER: US 10/038,972

PRIOR FILING DATE: 2002-01-04

PRIOR PILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: US 60/260,124

PRIOR APPLICATION NUMBER: US 60/260,124

PRIOR FILING DATE: 2001-01-05

NUMBER OF SEQ ID NOS: 45
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; Sequence 12, Application US/11145035
; Publication No. US20050287122A1
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US-11-145-035-25
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; TYPE: DNA
; ORGANISM: adeno-associated virus 2
US-11-145-035-12
                                                                                       ; TYPE: DNA
; ORGANISM: Adeno-associate virus 6
US-11-145-035-25
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Best Local Similarity 100.0%; 1
Matches 145; Conservative 0;
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Query Match 100.0%; Score 145; DB 12; Best Local Similarity 100.0%; Pred. No. 1.4e-31; Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                              SEQ ID NO 25
                                                                                                                                                       ENGTH: 4683
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Pred. No. 1.4e-31;
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Search completed: March 15, 2006, 11:17:35 Job time : 311 secs

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, TYPE: DNA
, ORGANISM: AAV circular intermediate, clone p81
US-11-058-751-4
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; SEQ ID NO 4
- TWICTH: 272
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                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                            Matches 144; Conservative
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/10/054,665
PRIOR FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR FILING DATE: 1999-03-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 875.007US2
CURRENT APPLICATION NUMBER: US/11/058,751
CURRENT FILING DATE: 2005-02-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Engelhardt, John F.
APPLICANT: Duan, Dongshen
APPLICANT: University of Iowa
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: University of Iowa Research Foundation TITLE OF INVENTION: Adeno-associated virus vectors
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2: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/H_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

7: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

8: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

9: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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US-09-782-378A-2

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; OTHER INFORMATION:
US-08-702-573-4
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                                                               Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                               TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: ST
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9
FILING DATE: 03-MAR-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,57
                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid
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ORRESPONDENCE ADDRESS:
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CLASSIFICATION:
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                                                                                                                                                                         NAME/KEY: misc_feature
                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 28-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                    TYPE: nucleic acid
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500 Arcola Rd. 3C43
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                                                                              Score 125; DB 3;
Pred. No. 4.4e-24;
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RESULT 4
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US-08-525-866-1/c
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                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 327-323.
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CURRENT APPLICATION DATA:
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ADDRESSEE: REED & ROBINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: NATSOULIS, GEORGES APPLICANT: FUROSKY, RICHARD T.
                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: ROBINS, ROBERTA L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 08
                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 08-SEF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Sequence 1, Application US/07982193 Patent No. 6261834

INFORMATION

APPLICANT:

Srivastava, Arun

TITLE OF INVENTION: SA NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:

SAFE VECTOR FOR GENE THERAPY
2

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APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                     US-09-782-378A-6
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
TYPE: Single
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                                                                                                                                                                                                                                                                                          Sequence 6, Application US/09782378A Patent No. 6916635 GENERAL INFORMATION:
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                                                    SEQ ID NO 6
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/982,193
FILING DATE: 19921125
CLASSIFICATION: 435
                                                                       SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                          APPLICANT: Hearing, Patrick APPLICANT: Bahou, Wadie
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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TELEFAX: (516)742-4366
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CITY: Garden City
STATE: New York
COUNTRY: STATE: New York
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TOPOLOGY: li
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REGISTRATION NUMBER: 22,606
REFERENCE/DOCKET NUMBER: 8361
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RESULT 6
US-07-989-841A-1
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Best Local
                                                                                                                                                                                                                                                             Matches 125;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 30, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/07/989;841A FILING DATE: On even date herewith CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711
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TELEX: 66141 PENNIE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JICANT: Xiao, X
E OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 GCCAA 125
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Pred. No. 4.5e-24;
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Pred. No. 4.4e-24;
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RESULT 7
US-08-440-738A-1
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                                                                Sequence 1, Application US/08471914A Patent No. 6057152 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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               APPLICANT: Samulski, R.
APPLICANT: Xiao, X.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORM PC compatible
COMPUTER: PATENT PC COMPATION
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/440,738A
FILING DATE: May 15, 1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: CORUZZI, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 663:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RENUMBER OF SEQUENCES: 6
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APPLICANT: Xiao, X.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1155 A
CITY: New York
STATE: New Yor
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REFERENCE: 6636-027
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                                                                                                                                                                                                                                                                                                              New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 125; DB 2; Length 165; Pred. No. 4.5e-24;
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RESULT 10

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, OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. US-09-276-625-7
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OTHER INFORMATION: Description of Artificial Sequence: double-D;
OTHER INFORMATION: sequence
US-08-471-914-1
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US-09-276-625-7
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                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/09276625
Patent No. 6436392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 125;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                               Matches
                                                                                                                                                                                             Best Local
                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                   LENGTH: 165
TYPE: DNA
ORGANISM: Unknown
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Engelnaru., APPLICANT: Duan, Dongsheng
TITLE OF INVENTION: Adeno-associated virus vectors
TOP DEFERENCE: 875.007US1
119/09/276,625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/08/471,914A CURRENT FILING DATE: 1995-06-06 EARLIER APPLICATION NUMBER: 08/440,738 EARLIER FILING DATE: 1995-05-15 NUMBER OF SEQ ID NOS: 13 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/276,625
CURRENT FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 165
TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 100.0%;
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141
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                                                                                                                                                                                             Similarity
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                                                          TTGGCCACTCCCTCTGCGCGCCTCGCTCGCTCACTGAGGCCGGCGACCAAAGGTCGCC
                       GCCAA 125
                                                                                                                    TTGGCCACTCCTCTGCGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
                                                                                                                                                  TTGGCCACTCCCTCTGCGCGCCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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145
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Pred. No. 4.5e-24;
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Sequence 7, Application US/10054665A Patent No. 6897045

APPLICANT: Engelhardt, APPLICANT: Duan, Dong

John F.

INFORMATION:

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                                                                                                                                                    US-09-782-378A-8
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                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.0 SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8, Application US/09782378A Patent No. 6916635
                                                                          Matches
                                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                               APPLICANT: Sandaion, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,:
CURRENT FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Duan, Dongshen
APPLICANT: University of Iowa Research Foundation
TITLE OF INVENTION: Adeno-associated virus vectors
FILE REFERENCE: 875.007US2
CURRENT APPLICATION NUMBER: US/10/054,665A
                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hearing, Patr:
APPLICANT: Bahou, Wadie
                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
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ORGANISM: Unknown
FEATURE:
                                                                                                                                                                                                       LENGTH:
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Local Similarity 100.0%;
hes 125; Conservative (
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                                     TTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGACCAAAGGTCGCC 60
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 Conservative
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                                                                                         100.0%;
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                                                                                         Score 125; DB 3;
Pred. No. 4.5e-24;
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                                                                        Mismatches
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                                                                                                    US-08-702-573-3
                                                                                                                  LOCATION: 1..192
OTHER INFORMATION:
Patent No. 6033885
OTHER INFORMATION:
                                   Matches 125;
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                                                                Query Match
                                                    Best Local Similarity
                                                                                                                                                                                                                                                                                               TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                   MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 03-MAR-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ITLE OF INVENTION: INTEGRATIVE RECOMBINANT ADENOVIRUSES, ITLE OF INVENTION: PREPARATION THEREOF AND THERAPEUTICAL USES THEREOF
                                                                                                                                                                  NAME/KEY: misc feature LOCATION: 1..192
                                                                                                                                                                                                                                                 LENGTH: 192 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Smith Ph.D., REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                     TOPOLOGY:
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      Application US/08702573
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TTONE, Emmanuelle
Miche
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                 (610) 454-3808
                                   Conservative
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                                                                                                                                                                                                                                     linear
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                                                                                                                                                                                                                                                                                                                                                    (610)454-3839
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                                                   100.0%;
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                                                   Score 125; DB 3;
Pred. No. 4.5e-24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Version #1.30
                                                                                                                                                    ITR Sequence
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                                                                    Length 192;
                                       Indels
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                                       Gaps
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US-09-782-378A-2
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; TYPE: DNA
; ORGANISM: Human adeno-associated virus 2
US-09-782-378A-1
                                                                                                                                                     APPLICANT: Sandalon, Ziv
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT PILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
                                   ; LENGTH: 4675
; TYPE: DNA
; ORGANISM: Human adeno-associated virus
US-09-782-378A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 125; Conservative 0
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Patent No. 691663
                                                                                                       NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09782378A Patent No. 6916635
GENERAL INFORMATION:
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Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
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APPLICANT: Bahou, Wadie
                                                                                                                                                                                                                                                                                                 APPLICANT: Hearing,
APPLICANT: Bahou, W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TLE OF INVENTION: Adenoviral Vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121
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                                                                                                                         PatentIn version 3.0
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Gnatenko, Dmitri
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Pred. No. 5e-24;
); Mismatches
   Score 125;
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 DB 3;
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Search completed: March 12, Job time : 91 secs
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US-10-038-972A-12
                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
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Best Local Similarity 100.0%; Pred. No. 5e-24;
Matches 125; Conservative 0. Micmatches
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                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/038,972A CURRENT FILING DATE: 2002-01-04 PRIOR APPLICATION NUMBER: US 60/260,124 PRIOR FILING DATE: 2001-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: J. Bartlett
TITLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/36996US
                                                                                                                                                                                                                                                                                                                                        ENGTH: 4679
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Copyright (c) 1993 - 2006 Biocceleration Ltd.

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Perfect score:
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Maximum Match 100%
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    pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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   nucleic search, using sw model
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1: /cgn2 6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2 6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2 6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2 6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2 6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

6: /cgn2 6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2 6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

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   US-09-928-158B-1
US-10-501-756-13
US-09-782-378A-6
US-10-240-198-2
US-10-837-029-1
US-10-837-029-1
US-10-817-029-1
US-10-135-984-8
US-10-135-984-8
US-10-159-988-13
US-10-159-968-13
US-10-159-968-13
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US-10-023-208-58
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US-09-845-416-33
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RESULT 2
US-10-501-756-13
; Sequence 13, Application US/10501756
; Publication No. US20050112765A1
; GENERAL INFORMATION:

APPLICANT: Duke University
APPLICANT: Chuan-Yuan, Li
APPLICANT: Xiuwu, Zhang
TITLE OF INVENTION: GENERATION OF RECOMBINANT ADENO-ASSOCIATED VIRAL VECTORS BY A

0	RESULT 1 US-09-928-15; Sequence 1 Patent NO. GENERAL IN APPLICANT TITLE OF FILE REFE! CURRENT A CURRENT A CURRENT F PRIOR APPL PRIOR APPL PRIOR APPL PRIOR APPL PRIOR APPL PRIOR OF SOFTWARE; SEQ ID NO LENGTH: TYPE: NO LENGTH: TYPE: NO ORGANISM US-09-928-15 Query Matcl Best Local Matches 1	0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0
1 TTGGCCACT	-158B-1 -1 Applicate -1 Applicate -1 Applicate -1 Applicate -1 Applicate -1 Applicate -1 Application -1 Applica	125 100.0 100.0 125 100.0 100.
CTCCCTCTGCG	.09 -10 -10 -10	4498 3 US 4675 3 US 4675 5 US 4675 6 US 4675 7 US 4679 3 US 4679 6 US 4680 5 US 4680 6 US 4681 7 US 4681 7 US 4683 7 US 4683 7 US
TTGGCCACTCCCTCTGCGCCTCGCTCACTCACGCCGGCCG	158B COMPETENT AAV HELPER 09/928,158B 6 4,132 us 2 us 2 score 125; DB 3; Le pred. No. 1.7e-27; Mismatches 0; I	US-09-845-416-30 US-09-782-378A-1 US-09-782-378A-2 US-10-240-198-1 US-10-240-198-1 US-10-291-583-7 US-10-427-129-2 US-09-845-681-10 US-09-845-681-10 US-10-136-819-6 US-10-136-819-6 US-10-163-886-1 US-10-163-886-1 US-10-696-261-18 US-10-696-261-18 US-10-696-282-18 US-10-696-282-19 US-10-696-282-19 US-10-696-282-19 US-10-696-282-19 US-10-696-900-19
SECGACCAAAGCTCGCC 60	FUNCTIONS ength 130; Indels 0; Gaps 0;	Sequence 30, Appl Sequence 2, Appli Sequence 2, Appli Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli Sequence 1, Appli Sequence 1, Appli Sequence 10, Appli Sequence 11, Appli Sequence 1, Appli Sequence 11, Appli Sequence 18, Appli Sequence 18, Appli Sequence 19, Appli Sequence 6, Appli Sequence 6, Appli

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; TYPE: DNA; ORGANISM: adeno-associated virus US-10-501-756-13
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                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
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LENGTH: 144
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Best Local Similarity
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TYPE: DNA
ORGANISM: Homo sapiens
-09-782-378A-6
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CURRENT APPLICATION NUMBER: US/10/501,756
CURRENT FILING DATE: 2004-07-16
PRIOR APPLICATION NUMBER: US 60/349,532
PRIOR FILING DATE: 2002-01-18
NUMBER OF SEQ ID NOS: 22
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CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
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APPLICANT: Gnatenko, Dmitri
ITTLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
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GCCAA 125
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Pred. No. 1.6e-27;
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RESULT 4 US-10-240-198-2

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                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/10837029 Publication No. US20040248301A1 GENERAL INFORMATION:
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                                                                                                                                    SEQ ID NO 1
Query Match
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Publication No. US20030100115A1
                                                                                                                                                                                                                                       APPLICANT: Engelhardt, John F.
TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH
TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL I
FILE REFERENCE: 875.105US1
CURRENT APPLICATION NUMBER: US/10/837,029
CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION NUMBER: US 10/194,421
PRIOR FILING DATE: 2002-07-12
PRIOR FILING DATE: 2002-07-12
PRIOR FILING DATE: 2002-07-12
PRIOR FILING DATE: 2002-07-12
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                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/305,204 PRIOR FILING DATE: 2001-07-13 NUMBER OF SEQ ID NOS: 11
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                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: CYTOTOXIC AGENTS
                                                                LENGTH: 145
TYPE: DNA
ORGANISM: Adeno-associated virus
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LOCATION: (94)
OTHER INFORMATION: Unpaired base
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TYPE: DNA
ORGANISM: adeno-associated virus 2
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OTHER INFORMATION: Unpaired base
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NAME/KEY: misc_structure
LOCATION: (1)...(145)
OTHER INFORMATION: ITR
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      100.0%; Score 125;
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      DB 8;
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    Length 145;
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Publication No. US20040248301A1
GENERAL INFORMATION:
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TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH
TITLE OF INVENTION: INFRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES
FILE REFERENCE: 875.105US1
CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION NUMBER: US 10/194,421
PRIOR FILING DATE: 2002-07-12
PRIOR FILING DATE: 2002-07-13
NUMBER: FILING DATE: 2001-07-13
SOFTWARE: F8stSEQ for Windows Version 4.0
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FILE REFERENCE: 180/137
CURRENT APPLICATION NUMBER: US/10/501,756
CURRENT FILING DATE: 2004-07-16
PRIOR APPLICATION NUMBER: US 60/349,532
PRIOR FILING DATE: 2002-01-18
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10-837-029-11
                                                                                                                             APPLICANT: Duke University
APPLICANT: Chuan-Yuan, Li
APPLICANT: Xiuwu, Zhang
TITLE OF INVENTION: GENERATION OF RECOMBINANT ADENO-ASSOCIATED VIRAL
TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH
TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH
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TYPE: DNA
ORGANISM: Adeno-associated virus
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Conservative 0;
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                                                                                                               Sequence 8, Application US/09782378A Patent No. US20020102731A1 GENERAL INFORMATION:
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Publication No. US20020182595A1
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Best Local Similarity
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                                     APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitr
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PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Matthew D. Weitzman
APPLICANT: Anton J. Cathomen
TITLE OF INVENTION: METHOD OF IDENTIFYING CELLULAR
TITLE OF INVENTION: MEGULATORS OF ADENO-ASSOCIATED VIRUS (AAV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: SALKINS.041A
CURRENT APPLICATION NUMBER: US/10/135,984
CURRENT FILING DATE: 2002-08-05
                   APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
   FILE REFERENCE: STONYB-04970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: adeno-associated virus
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Local Similarity 100.0%; Pred. No. 1.6e-27;
nes 125; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1.6e-27;
tive 0; Mismatches 0;
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RESULT 11
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 165
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Best Local Similarity
Matches 125; Conserva
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CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
                                                                                                                                                                                                                                                         Matches 125;
                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                       Query Match
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CURRENT FILING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Duan, Dongsheng
TITLE OF INVENTION: Adeno-associated virus vectors
FILE REFERENCE: 875.007US2
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                                                                                                                                                                                                                                                                                                                           ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 5,478,745
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TYPE: DNA
ORGANISM: Homo sapiens
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US-10-159-968-13/c

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APPLICANT: WAGNER, THOMAS E.
APPLICANT: YU, XIANXHANG
ITITLE OF INVENTION: AAV ITR-MEDIATED MODULATION
FILE REFERENCE: 035879-0165
CURRENT APPLICATION NUMBER: US/10/669,641
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,450
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 3
LENGTH: 170
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/294,797
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: US 60/313,007
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kaplitt, Michael G.

APPLICANT: Musatov, Serge
TITLE OF INVENTION: Method for Generating Replication
TITLE OF INVENTION: Defective Viral Vectors That are Helper Free
FILE REFERENCE: 600-1-286
CURRENT APPLICATION NUMBER: US/10/159,968
CURRENT FILING DATE: 2002-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                              FEATURE:
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TIGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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Pred. No. 1.6e-27;
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                                                                                                                                    CURRENT APPLICATION.NUMBER: US/10/023,208

CURRENT FILING DATE: 2001-12-17

PRIOR APPLICATION NUMBER: US 60/256,163

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 63

SOFTWARE: PatentIn version 3.1

SEQ ID NO 58

LENGTH: 207

TYPE: DNA
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US-10-023-208-58
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                                                                                                                                                                                                                                                                                                                                                  Sequence 58, Application US/10023208
Publication No. US20030124537A1
GENERAL INFORMATION:
APPLICANT: Li, Min
APPLICANT: Liu, Yuan-Ching
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: University of No. US20040029106Alth Carolina at Chapel Hill
APPLICANT: Samulski, R. Jude
APPLICANT: McCarty, Douglas M.
TITLE OF INVENTION: DUPLEXED PARVOVIRUS VECTORS
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Publication No. US20040029106A1
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                    Query Match
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CURRENT FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: PCT/US01/17587
PRIOR FILING DATE: 2001-05-31
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1
  Best Local Similarity
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                                                                                                                                                                                                                                                                                                       APPLICANT: Liu, Yuan-Ching
TITLE OF INVENTION: PROCARYOTIC LIBRARIES AND
FILE REFERENCE: A-70174-1/RFT/RMS/RMK
FILE REFERENCE: A-70174-1/RFT/RMS/RMX
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                                                                                                              ORGANISM: Artificial sequence
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                                                                             OTHER INFORMATION: synthetic enzyme attachment site sequence
                                                                                                 FEATURE:
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Pred. No. 1.6e-27;
); Mismatches 0;
Score 125; DB 6;
Pred. No. 1.5e-27;
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                    Length 207;
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US-09-845-416-26
; Sequence 26, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INFORMATION:
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Search completed: March 12, 2006, 20:34:24
Job time : 814 secs
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TYPE: DNA
ORGANISM: Homo sapiens
US-09-845-416-26
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FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416:
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 THE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
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(gn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*

(gn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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sgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq1:*
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sgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq1:*
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/cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq4:*
/cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq4:*
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US-11-157-608-10
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US-11-157-832-2
US-11-127-832-2
US-11-145-035-12
US-11-145-035-25
US-11-145-035-25
US-11-058-751-6
US-10-632-645-14
US-10-632-645-13
US-10-632-645-13
US-10-632-645-13
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US-11-157-608-11
US-11-157-608-10
US-11-157-608-10
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68.0	73.1	73.1	73.1	73.1	73.1	75.5	76.2	77.0	78.2	78.2	78.2	78.2	78.2	78.2			78.2	78.2	79.5	83.4	86.7	86.7	86.7	86.7
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ALIGNMENTS

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; SEQ ID NO 6; LENGTH: 145; TYPE: DNA; ORGANISM: Homo Bapiens US-11-127-832-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
RESULT 2
                                                                                                                                                                                                                                                                                  Query Match
Best Local S
Matches 125
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SOFTWARE: PatentIn version 3.0
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125; Conserv
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Query Match 100.0%; Score 125; DB 12; Best Local Similarity 100.0%; Pred. No. 2.3e-25; Matches 125; Conservative 0; Mismatches 0;
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                                                                                                                                                                             SEQ ID NO 8
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PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/10/054,665
PRIOR FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR FILING DATE: 1999-03-25
                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONVE-04970
CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 5,478,745
-11-058-751-7
                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/237,747 PRIOR FILING DATE: 2000-10-02
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SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Bahou, Wadie
                                                                                      LENGTH: 165
TYPE: DNA
ORGANISM: Homo sapiens
11-127-832-8
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\PPLICANT: Duan, Dong:
\PPLICANT: University
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ORGANISM: Unknown
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nes 125; Conserv
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Gnatenko, Dmitri
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NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 8
SEQ ID NO 8
LENGTH: 698
TYPE: DNA
ORGANISM: Artificial
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US-11-157-608-8
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US-11-157-608-9
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Publication No. US20060018882A1
GENERAL INFORMATION:
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Publication No. US20060018882A1
GENERAL INFORMATION:
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                                                                                                                                                  TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS FILE REFERENCE: 134.02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
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TYPE: DNA
OTHER INFORMATION: Artificial AAV vector
                  FEATURE:
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US-11-157-608-11/c
; Sequence 11, Application US/11157608
; Publication No. US20060018882A1
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                                                                                                               GENERAL INFORMATION:
APPLICANT: KAEMMERER, William F.
TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS
FILE REFERENCE: 134.02160101
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Best Local Similarity
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Best Local (
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CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.2
            PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.2
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TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS
FILE REFERENCE: 134.02160101
                                                                               CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
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ORGANISM: Artificial
FEATURE:
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ID NO 11
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Pred. No. 1.9e-25;
D; Mismatches 0;
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Pred. No. 1.9e-25;
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RESULT 9
US-11-157-608-10/c
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US-11-157-608-10
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Sequence 10, Application US/11157608 (
publication No. US20060018882A1 (
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT; KAEMMERER, William F.
APPLICANTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS FILE REFERENCE: 134.02160101 (
CURRENT APPLICATION NUMBER: US/11/157,608 (
CURRENT FILING DATE: 2005-06-21 (
PRIOR APPLICATION NUMBER: 60/581,730
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KAEMMERER, William F.
TITLE OF INVENTION: MEDICAL DEVICES AND METHODS FOR DELIVERING COMPOSITIONS TO CELLS FILE REFERENCE: 134,02160101
CURRENT APPLICATION NUMBER: US/11/157,608
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/581,730
PRIOR FILING DATE: 2004-06-21
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
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ORGANISM: Artificial
FEATURE:
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RESULT 11
US-11-127-832-2
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                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 1
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Best Local Similarity
Matches 125; Conserv
Sequence
                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
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NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hearing, Patrick APPLICANT: Bahou, Wadie APPLICANT: Sandalon, Ziv APPLICANT: Gnatenko, Dmitr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
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                                                                                                                                                                                                                                                                                                                                         LENGTH: 4675
TYPE: DNA
ORGANISM: Human adeno-associated virus 2
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TYPE: DNA
ORGANISM: Artificial
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    Application US/11127832

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                                                                            GCCAA 125
                                                                                                                                         TTGGCCACTCCCTCTCTGCGCCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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Pred. No. 1.6e-25;
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Pred. No. 1.8e-25;
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CURRENT APPLICATION UNMERS: US/11/184,380
CURRENT FILING DATE: 2005-07-19
PRIOR APPLICATION NUMBER: PCT/US99/11958
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LEBGTH: 4679
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
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; TYPE: DNA
; ORGANISM: Human adeno-associated virus 2
US-11-127-832-2
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문. 원
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US-11-184-380-25
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APPLICANT: Gnatenko, Dmitri
APPLICANT: Gnatenko, Dmitri
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/11/127,832
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US/09/782,378
PRIOR FILING DATE: 2001-02-12
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Chiorini, John APPLICANT: Kotin, Robert M.
                                                                                                                                                           Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kotin, Robert M.
TITLE OF INVENTION: AAV5 NUCLEIC ACIDS
FILE REFERENCE: 14014.0323U3
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                                                                                                                                                                                                    Similarity
                                             TTGGCCACTCCCTCTGTGGGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAÂAGGTCGCC 60
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                                                                                                                                                           Score 125; DB 12;
Pred. No. 1.6e-25;
0; Mismatches 0;
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Sequence 25, Application US/11145035.

Publication No. US20050287122A1

GENERAL INFORMATION:

APPLICANT: Bartlett et al.

TITLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/41335

CURRENT APPLICATION NUMBER: US/11/145,035

CURRENT FILING DATE: 2005-06-03

PRIOR APPLICATION NUMBER: US 10/038,972

PRIOR TILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: US 60/260,124

PRIOR FILING DATE: 2001-01-05

NUMBER OF SEQ ID NOS: 45

SOFTWARE: Patentin version 3.3

SEQ ID NO 25
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US-11-145-035-12
; Sequence 12, Application US/11145035
; Publication No. US20050287122A1
; GENERAL INFORMATION:
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; TYPE: DNA
; ORGANISM: adeno-associated virus 2
US-11-145-035-12
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                                                                                    ; TYPE: DNA
; ORGANISM: Adeno-associate virus 6
US-11-145-035-25
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Query Match 100.0%; Score 125; DB 12; Best Local Similarity 100.0%; Pred. No. 1.6e-25; Matches 125; Conservative 0; Mismatches 0;
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CURRENT FILING DATE: 2005-06-03
PRIOR APPLICATION NUMBER: US 10/038,972
PRIOR FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: US 60/260,124
PRIOR FILING DATE: 2001-01-05
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bartlett et al.
TITLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/41335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.3
                                                                                                                                                ENGTH:
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LENGTH: 272
TYPE: DNA
ORGANISM: ANV circular intermediate, clone p81
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Best Local Similarity
Matches 124; Conserv
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PRIOR FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/276,625
PRIOR PILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03
PRIOR PILING DATE: 1999-03
PRIOR PILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: University of Iowa Research Foundation
TITLE OF INVENTION: Adeno-associated virus vectors
FILE REFERENCE: 875.007US2
CURRENT APPLICATION NUMBER: US/11/058,751
CURRENT FILING DATE: 2005-02-15
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tive 0; Mismatches 1
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